

CLAIM LISTING

Applicants request that, pursuant to this amendment, the following listing of claims replace all prior versions and listings of claims in the instant application.

Listing of Claims:

1. – 7. (Cancelled)

8. (Previously Presented) In a message router, a method of routing data repository messages, said method comprising:

receiving a data repository message from an originating computer system, said data repository message conforming to a first syntax and being received in a message router located remotely from said originating computer system;

recognizing based upon data contained in the data repository message the first syntax corresponding to the data repository of the originating computer system;

determining from the data contained in the data repository message a target computer system to which said received data repository message is directed, said target computer system remotely located from said originating computer system and said message router;

based on said determined target computer system determined on the basis of the data contained in the data repository message, identifying a second syntax corresponding to said target computer system, wherein said first syntax and said second syntax are disparate;

converting content in said received data repository message from said first syntax to said second syntax, the conversion being effected by said message router and based upon syntax information contained in a translation library residing on said message router; and

sending said received and converted data repository message to said target computer system.

9. Cancelled.

10. (Previously Presented) The method of claim 8, wherein said data repository message includes at least one of a data structure reference, an attribute name reference, an attribute value, and a data repository operation, said converting step further comprising:

translating said data structure and said attribute name references using a reference processor;

translating said attribute value using an attribute processor; and

translating said data repository operation using an operation processor.

11. (Previously Presented) In a message router, a method of routing data repository messages, said method comprising:

receiving a data repository message from an originating computer system, said data repository message conforming to a first syntax and being received in a message router remotely located from the originating computer system;

recognizing based upon data contained in the data repository message the first syntax corresponding to the data repository of the originating computer system;

determining from the data contained in the data repository message a plurality of target computer systems to which said received data repository message is directed, said target computer systems each being remotely located from said originating computer system and said message router;

based on said determined plurality of target computer systems determined on the basis of the data contained in the data repository message, identifying at least one syntax for particular ones of said plurality of target computer systems, wherein said at least one identified syntax and said first syntax are disparate;

converting content in said received data repository message from said first syntax to said at least one syntax of said particular ones of said plurality of target computer systems, the conversion being effected by said message router and based upon syntax information contained in a translation library residing on said message router; and

sending said received and converted data repository message to said particular ones of said plurality of target computer systems.

12. Cancelled.

13. (Previously Presented) The method of claim 11, wherein said data repository message includes at least one of a data structure reference, an attribute name reference, an attribute value, and a data repository operation, said converting step further comprising:

translating said data structure and said attribute name references using a reference processor;

translating said attribute value using an attribute processor; and

translating said data repository operation using an operation processor.

14. – 19. (Cancelled)